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ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH.

for the Urban District of Clevedon for the year 1947.

Mr. Chairman, Ladies and Gentlemen,

The past year had been a favourable one so far as the general health of the people is concerned. We have been free from serious epedemic illness, and while we had to regard with some alarm the spread of Infantile Paralysis throughout the country generally we have been fortunate in escaping such a visitation. It is true that we had a fair number of cases of measles but these gave no real anxiety, and left no serious complications. Infuenza has figured nominally in the returns but was of no major significance. And again it has to be recorded that no case of diphtheria occurred during the year - a further tribute to the preventive innoculation against this disease, in which we have the helpful co-operation of parents generally.

The low birth rate and high death rate with a high average age at death are indicative of the age composition of the community but at present there is no available factor for correction to reduce these to comparable proportions.

The water supply continues ample in quantity and above suspicion in quality and regular bacteriological investigations are always satisfactory. It is unfortunate but necessary to continue chlorination as a precaution against possible contamination from the catchment area where sewage is disposed of in cesspits. A piped supply of water is general throughout the district with the exception of the hamlet of Nortons Wood, where a standpipe at a considerable distance from the cottages is still the method of supply.

Sewage disposal is generally satisfactory but requires constant supervision and in view of future building development will have to be reviewed and probably extended and enlarged.

Factories and workshops in the district are regularly inspected and conform generally to the requirements of the Factories Act.

Housing is still a major problem and nothing can yet be done to eliminate unsatisfactory dwellings and the use of basements which can never be regarded as suitable for human habitation. The number of applicants for Council Houses at the end of the year was 315 and approximately 300 cases are living in conditions where two or more families have to occupy one house.

HOUSING

	Houses erected during year.		Houses in course of erection.		Conversion of flats or dwellings.
	Perm.	Temp.	Perm.	Temp.	
Local Authority	12.	-	40	-	9 units or flats
Private Enterprise	7.	-	7	-	38 " "
Totals	19.	-	47	-	47 " "

PUBLIC HEALTH STAFF

G. MACLEOD, M.C., M.A., M.D., D.P.H. Medical Officer of Health (part time)

I. J. LEACH, M.R.S.I., M.R.I.P.H., M.I.H., Sanitary Inspector and Surveyor.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Total Area of Clevedon Urban District	3292 acres.
Registrar-General's Estimate of Population	9413
Number of Inhabited Houses and Flats	2752
Rateable Value at present time	£77,369
Sum represented by a penny rate	£312:4:7.65

Live Births	Male	Female	Total
Legitimate	68	72	140
Illegitimate	2	3	5

Birth Rate per 1,000 of the population - 15.4

(The Birth Rate for England and Wales is 20.5)

Still Births	Male	Female	Total
Legitimate	2	2	4
Illegitimate	-	-	-

Still Birth Rate per 1,000 of population - 0.42

(ditto for England and Wales is 0.50)

Deaths	Male	Female	Total
	84	116	200

Death Rate per 1,000 - 21.2 (uncorrected)
Average Age at Death - 72.7 years

(The Death Rate for England and Wales is 12)

Deaths of Infants under 1 year of age:-

	Male	Female	Total
Legitimate	2	2	4
Illegitimate	-	-	-

Infant Mortality Rate - 27.5

(Figure for England and Wales is 41)

Deaths of infants under 1 year occurred as under:-

One infant died on the first day, two others at the end of the week, and the fourth at eleven months. There have been no deaths of infants under two years of age from Diarrhoea.

Deaths from some specified causes:-
Some of the principal causes of death have been

	Male	Female
Cancer and Malignant Disease	17	15
Cardiovascular Diseases	29	52
Respiratory Diseases (excluding Tuberculosis)	11	9

While these three causes of death may be expected to figure prominently in an elderly population, there would appear to be signs of a ralative increase in cancer of the lung.

Notifiable Diseases.	Total	Admitted to Hospital.	Deaths.
Measles	141	-	-
Whooping Cough	1	-	-
Puerperal Pyrexia	1	1	-
Pneumonia	7	-	3

TUBERCULOSIS

Notifications:	Respiratory		Non-Respiratory	
Age Groups	Male	Female	Male	Female
1 - 5	-	-	-	-
5 - 15	-	1	1	-
15 - 25	1	1	-	2
25 - 35	3	1	-	-
35 - 40	2	1	-	1
45 - 55	-	-	-	-
55 - 65	-	-	-	-
Totals	6	4	1	3

Deaths:-

Respiratory 5 (1 male aged 39; four female aged 33, 37, 42, 64).

Non-Respiratory 1 male aged 27.

Your arrangements with the Bristol City Council for the isolation and care of cases of infectious disease are working very satisfactorily and I acknowledge gratefully the prompt way in which such cases are handled. The local Cottage Hospital deals with medical and surgical cases in a very efficient manner, the District Nurses continue their admirable work among the community, and one Maternity Home still functions for an increasing number of expectant mothers who find it more and more necessary and convenient to have their babies there, and the future may well require the extension of this facility. The extended County Laboratory Service is a great help to the local medical profession, whose help and co-operation I again record with thanks, and also your Clerical and Sanitary Staff at the Council House.

I have the honour to be,

Your obedient Servant,

G. MACLEOD.

12th July, 1948.

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The Annual Report of the Sanitary Inspector, Inon J. Leach M.R.San.Inst., M.R.I.P.H., M.I.Hygiene, for the year ended 31st December, 1947

The following is a condensed report of duties carried out during the year ended 31st December, 1947.

FOOD and DRUGS ACT

The following foodstuffs have been condemned from among the goods examined. Each item of goods has been reported to the Ministry of Food and to the Retailer concerned:-

MILK	- Evaporated	184 tins
	Condensed	61 "
MEAT	- Pork Sausage	4 "
	Sausages	6 "
	Minced Beef Loaf	3 "
	Luncheon Meat	5 "
	Boned Chicken	32 "
	Stewed Steak	7 "
	Tinned Tongue	6 lbs.
	Forequarter Beef	111 "
	Beef	44½ "
	Hind A Beef	48½ "
	Liver	33 "
BUTTER	- National	5 "
FISH	- Dressed Crab	1 tin
	Salmon	10 tins
	Pilchards	7 "
	Mackerel	1 "
	Cod Liver Roe	30 "
	Crawfish	5 "
	Herring Tidbits	2 "
	Fish Bullar	5 "
	Mussels	13 "
	Smoked Fillet	43 Stone
	Kippers 5 Boxes	10 "
BEANS	- Baked	16 tins
PEAS		73 "
JAM	- Plum & Currant	12 lbs.
	Gooseberry Conserve	1½ "
	Plum	8½ "
	Blackberry	1 "
	Marmalade	10 "
VEGETABLES	-Beetroot	14 tins
	Carrots	3 "
	Tomatoes	1 "
	Parsnips	1 "
	Mixed Vegetables	1 "
	Celery Hearts	1 "
	New Whole Potatoes	20 cases - 24 tins each
	Gherkins	2
FRUIT	Prunes	25 lbs.
	Dates	48 pkts.
	"	166 boxes
	Plums	2 gal. tins
	Apples	7 lb. tin
	Grapefruit	1 tin
	Peaches	51 tins
	Salt figs in pkts.	7 lbs.

MISCELLANEOUS -	Macaroni	1 tin
	Meat soup	2 tins
	Soup	8 "
	Irish Stew	2 "
	Meat & Vegetables	2 "
	Dessert Moulds	26 pkts.
	Silds	1 tin
	Dog Food	2 tins
	Alba Snappy Snacks	6 "
	Savoury Hot lunch	1 "
	Wilson Macedoine	2 "
	Apple Pudding	2 "
	Cocoa	$\frac{1}{4}$ lb.
	Tomato Sauce	6 bottles
	Choc-Cuts	6 pkts.
	Coffee	$1\frac{1}{2}$ lbs.

MILK and DAIRIES ACTS and ORDERS

Milk tests. The following samples have been taken.

Pasteurised Milk	Result
2. 1. 47	Unsatisfactory
12. 5. 47	Satisfactory
Heat-treated Milk	
16. 1. 47	Unsatisfactory
12. 2. 47	Satisfactory
4. 3. 47	"
20. 3. 47	"
1. 4. 47	"
1. 5. 47	"
28. 5. 47	Unsatisfactory
23. 6. 47	Satisfactory
14. 7. 47	Unsatisfactory
25. 7. 47	Satisfactory
2. 9. 47	Unsatisfactory
12. 9. 47	"
17. 10. 47	Satisfactory
7. 11. 47	"
1. 12. 47	"
17. 12. 47	"
Tuberculin-tested Milk	
17. 10. 47	Satisfactory
13. 11. 47	"
1. 12. 47	"
Empty Cleansed bottle at farm	
17. 10. 47	Unsatisfactory
13. 11. 47	Satisfactory
1. 12. 47	"

There are in the Clevedon area:

14 Producers
9 Producer-Retailers
25 Retailers

Under the "Special Designation Order" there are:

2 Accredited Herds
1 Tuberculin-tested Herds
1 Pasteurising Milk Retailer
1 Heat-treated Milk Retailer
24 Registered Dairy Farms

DISINFECTION and FUMIGATION

The following cases have been dealt with after reports of Infectious Diseases or infestations.

January : 2 rooms and clothing for T.B.

February : 1 room at Victoria Nursing Home. Cottage Hospital twice.

March : 3 rooms and clothing.

April : 4 rooms, 3 pillows and 1 bundle of clothing for T.B.
2 rooms after tonsilitis. 20 Pig Swill bins sterilized.

May : 3 rooms, bedding and clothing. 1 infestation of fleas.
Refuse tip treated with insecticide.

June : 2 rooms, clothing after T.B.

August : 2 houses. Proportion of street bins disinfected.
Case of infestation of fleas treated.

September: 3 houses. 1 infestation of fleas. 1 case of infected bedding destroyed.

October : 1 room, 1 bundle of clothing, 1 bundle bedding after T.B.

November : 2 houses for plague of flies. 1 house deinfested of fleas.
1 house and clothing fumigated after T.B.

December : 1 house fumigated throughout. 1 room fumigated.

WATER

The following tests have been made.

30. 1. 47	Satisfactory
17. 4. 47	"
17. 6. 47	"
24. 7. 47	"
11. 9. 47	"
27. 10. 47	"
18. 12. 47	"

GAS EXAMINATION

14 tests have been made of the gas supplied by the Clevedon and Yatton Gas Company, for

Calorific Value
Purity
Water Pressure

	B.Th.U	Sulphuretted Hydrogen	Water Pressure
14. 2. 47	450.6	Absent	$3\frac{1}{2}$ inches
26. 2. 47	448.9	"	$3\frac{1}{2}$ "
12. 3. 47	450.8	"	$3\frac{1}{2}$ "
20. 3. 47	452.1	"	$3\frac{3}{4}$ "
28. 3. 47	455.6	"	$4\frac{1}{4}$ "
31. 3. 47	449.6	"	4 "
29. 5. 47	453.0	"	$4\frac{1}{2}$ "
18. 6. 47	450.5	"	5 "
17. 7. 47	450.8	"	4 "
29. 8. 47	444.4	"	4 "
30. 8. 47	457.4	"	$4\frac{1}{4}$ "
18. 9. 47	451.0	"	$4\frac{1}{2}$ "
27. 9. 47	444.7	"	$4\frac{1}{2}$ "
30. 9. 47	452.5	"	$4\frac{1}{2}$ "

Salvage Collection for Year ended 31st December, 1947

	PAPER			METALS			RAGS			BONES			COST			KITCHEN WASTE			COST			JAM JARS		
	T.	c.	q.	T.	c.	q.	T.	c.	q.	T.	c.	q.	£.	s.	d.	T.	c.	q.	£.	s.	d.	£.	s.	d.
January	7.	8.	2.					14.	0.				56.	7.	7.	10.	19.	0.	14.	9.	0.			
February	2.	3.	2.										44.	0.	9.	7.	13.	0.	5.	5.	9.			
March	8.	15.	3.	2.	6.	0.		14.	3.				36.	16.	10.	7.	4.	0.	5.	16.	11.			
April	9.	14.	0.										58.	0.	11.	7.	17.	0.	11.	15.	6.			
May	4.	15.	3.										47.	2.	7.	9.	17.	0.	14.	15.	6.			
June	12.	15.	1.				1.	4.	0.		1.	0.	53.	19.	1.	14.	1.	0.	7.	8.	9.			
July	6.	2.	3.										65.	11.	0.	12.	2.	0.	10.	12.	6.			
August	7.	11.	0.				1.	1.	0.				52.	15.	11.	12.	13.	0.	9.	15.	6.	4.	5.	11.
September	2.	14.	2.										47.	9.	11.	16.	1.	0.	8.	7.	10.			
October	11.	17.	2.										65.	14.	1.	12.	5.	0.	10.	18.	11.			
November	9.	12.	1.		3.	2.		17.	2.				56.	17.	1.	8.	13.	0.	7.	6.	8.			
December	4.	6.	3.	1.	18.	0.		6.	1.				69.	15.	7	8.	7.	0.	7.	19.	5.			
	87.	15.	2.	4.	7.	2.	4.	18.	0.		1.	0.	654.	11.	4.	127.	12.	0.	114.	12.	3.	4.	5.	11.

Total Sales Value	Paper, Metals etc.	£659. 11. 7.
" Gross Cost	" " "	654. 11. 4.
		5. 0. 3. Gross Profit
Total Sales Value	Kitchen Waste	£191. 8. 0.
" Gross Cost	" "	114. 12. 3.
		76. 15. 9. Gross Profit
Gross Profit,	Paper, Metals etc.	5. 0. 3.
" "	Kitchen Waste	76. 15. 9.
		£81. 16. 0. Gross Profit

PETROLEUM and CARBIDE ACTS

Inspections have been made of the premises of applicants for renewals of licences to sell and store Petroleum Products and carbide under the above acts.

Petroleum and Carbide
25 applicants have received licences.

Cellulose Products
1 applicant has received a licence.

HOUSE REFUSE COLLECTION

Approximately 1,800 tons of house refuse have been collected during the year. Staffing has again proved difficult but there has been an improvement on last year. It must be accepted that the work of collection is a filthy job, especially in wet weather and householders should make an effort to provide proper and adequate bins. An improvement in this respect has been observed this year. It is gratifying to know that more householders (who are able to do so) are placing their bins near their entrance gates on collection days, which of course, speeds up collection.

The hygienic condition of transporting the house refuse will be greatly improved when the new up-to-date house refuse vehicle which the Council has agreed to purchase, is received.

PUBLIC CONVENIENCES

These are cleaned and disinfected each day. Considerable trouble and inconvenience has again been experienced through hooliganism. Locks have been broken, some entirely ripped off the doors; turnstiles damaged and slot machines smashed. Efforts by the Police and our own staff to trace the culprits have not been successful. The hooliganism is not confined to the men's conveniences only. Complaints are received of the condition of the conveniences (chiefly the ladies' conveniences). From investigation, it is often found that the complaints are justified but generally the cause is through persons (possibly children) making their deposits on the floor outside the W.C.s, presumably to avoid putting a penny in the slot.

RATS and MICE (DESTRUCTION) ACT, 1919
Infestation Order, 1943

I think it may safely be said that rats and mice have been brought under control. The major infestations of a few years ago have been either eliminated or reduced to a minimum, but small colonies of migrating rats are constantly found. Unfortunately, many property owners do not report the presence of rats until there has been some extensive evidence of them and when it is known that a pair of rats can have 6 or 7 litters in a year and these breed again, the family can reach 600 in one year; it should be understood that any neglect to report the observance of a rat or two, might cause a whole district to be infested in a short time.

Contact has been kept with the Regional and District Rodent officials and regular visits have been made. Block treatment areas have been visited by them and at the present time, they are checking up the sewers by pre-baiting and baiting to ascertain the results of our operations.

Records of results sent to the Regional Office, have been regularly checked by the District Rodent officer.

NUISANCES

46 nuisances of varying kinds have been successfully dealt with.

SEWERS

No major trouble has been experienced during the year. The Council very wisely carried out a descaling scheme on a large section of the trunk system. This work proved itself to be entirely justified and overcame a hidden fault which had given considerable trouble and which could not be ascertained without the necessary specialised mechanical plant. Those sewers so treated are working better now than for some years. The purchase of a cesspit and gully emptier proved itself a great asset in assisting in the above work. It has also proved itself to be a hallmark in the

hygienic advancement of the public health administration of the district.

Cesspits and septic tanks (which previously were the responsibility of the owners to empty) created a problem, owing to the difficulty and expense of getting them emptied and often unhygienic and disturbing nuisances emanated. A system of regular inspection and emptying has been worked out and the work is now done, free of cost to the owner, by the Council's cesspit emptier.

A system of dividing the town into districts has been evolved and the gully emptier deals with each district consecutively and repeats at a fixed period.

The gully emptier has also proved very useful and effective quite often in the cleaning of drains.

SHOPS ACTS 1912 - 1934
Young Persons (Employment) Act, 1938

There are 207 shops registered.

There are 4 open-fronted shops registered.

It has been observed that the proprietors generally are now alive to the requirements of these Acts and are co-operating reasonably in fulfilling the conditions under the present trying conditions. I have not experienced any flagrant disregard of notifications.

Sanitary Conveniences

In some cases, difficulties have been experienced in providing adequate sanitary conveniences, but exemption for restricted accommodation has been granted in three cases only.

Temperature, Lighting and Washing Facilities

Complaints have been received in some cases respecting the above (chiefly offices) and the following cases have been successfully settled.

Temperatures	10
Lighting	2
Washing Facilities	8

Provision of Accommodation and Meals

Two complaints have been received in respect of inadequate accommodation for taking meals and have been satisfactorily settled.

Seats for Assistants

The provision of seats is generally satisfactory and a marked improvement on last year. Special provision for female assistants is provided in many cases.

Notices, Section 12, to be posted in shops

Most proprietors employing young persons under 18 years of age, post up the necessary notices, but many do not keep the records up to date. The records must include the full name, date of birth, times and hours worked, time off for meals, overtime worked and any changes must be notified.

Four proprietors employing young persons under 18 were found to have no notices and records posted and were given notice to post same forthwith.

A survey of all shops employing young persons has again been made recently, and a check of the ages recorded in the Register.

FACTORIES ACT, 1937

Part I of the Act

1. INSPECTIONS for purposes of provisions as to health (including inspections made by Sanitary Inspectors).

Premises	Number on Register	Number of Inspections	Number of Written Notices	Occupiers Prosecuted
(i) Factories in which Sections 1,2,3,4 & 6 are to be enforced by Local Authorities.	19	35	8	Nil

	Number	Inspections	Notices	Prosecutions
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority.	43	48	12	Nil
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers premises)	10	18	4	Nil
TOTAL	72	101	24	

2. Cases in which DEFECTS were found.

Particulars	Number of cases in which defects found				Number of cases in which prosecutions were instituted.
	Found	Remedied	Referred To H.M. Inspector	Referred By H.M. Inspector	
Want of cleanliness (S.1	2	2	Nil	Nil	None
Overcrowding (S.2)	Nil				
Unreasonable temperature (S.3)	Nil				
Inadequate ventilation (S.4)	Nil				
Ineffective drainage of floors (S.6)	Nil				
Sanitary Conveniences (S.7)					
(a) Insufficient	3	3	Nil	Nil	
(b) Unsuitable or defective	1	1	Nil	Nil	
(c) Not separate for sexes	Nil	Nil			
Other offenses against the Act	Nil	Nil			
TOTAL	6	6	Nil	Nil	Nil

RIVERS

The ketching and cleaning of the portion of rivers for which the Council is responsible has been done at the appointed time.

BAKERIES

These have been inspected periodically and representations made where necessary.

PIG KEEPERS
(Foot and Mouth Disease Regulations)

Checking of premises and pigs owned by licensees and others in regard to the processing of Swill has been made at various times and reports sent to the Ministry of Agriculture.

CONTROL OF BUILDING
Details of Licences dealt with from 1st January to 31st December, 1947.

458 Civil Building Licences issued
32 " " " refused
40 "M" Forms issued.
20 "B.M.S.H." Forms issued.
114 "W.B.A." Material Forms issued
20 "W.B.A." Labour Forms issued
384 Essential Material Certificates issued
5 Maintenance Licences issued

HOUSING

24 permanent houses have been built during the year.
4 houses have been built by private enterprise.
2 requisitioned properties converted.
2 " " released.
39 " " under control of the Council to date.

92	Housing Revenue Council Houses	owned	by	the	Council
26	Rate Fund Council Houses	"	"	"	"
20	Temporary Prefabricated houses	"	"	"	"
24	Permanent Post-war Houses	"	"	"	"

Maintenance of Council Houses

24 Council Houses in Hillview Avenue have had the roofs stripped, underfelting relaid, and roof retiled.

Numerous small repairs and renewals have been carried out when and as reported by the housing officer or reported direct.

Repairs to requisitioned properties have been extensive. Permission for repairs up to £50 in value can now be carried out without getting the Ministry's consent. It was previously £5. In many cases the repairs asked for are the result of indifferent tenants and stricter conditions in regard to tenancy should be made by the Ministry.

Ivon J Lead

SANITARY INSPECTOR

IJL/DH/
June, 1948